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POLIOMYELITIS SURVEILLANCE
REPORT NO. 48 OCTOBER 28, 1955

Department of Health, Education and Welfare
Public Health Service

Communicable Disease Center

Poliomyelitis Surveillance Unit
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SPECIAL NOTE

The information in this report represents a factual summary of data reported to the Poliomyelitis Surveillance Unit from State Health Departments, Epidemic Intelligence Service Officers, participating laboratories and other pertinent sources. Much of the material is preliminary in nature and is subject to change. The distribution of this report is strictly limited to federal and state officials, to directors of participating laboratories and to other official or non-official persons having responsibility for the control of poliomyelitis in the nation. It is understood that this report will not be quoted in public nor will its contents be released to the press or to unauthorized persons. Any release of this information will be made by the Office of the Surgeon General, U. S. Public Health Service. State Health Officers, of course, are free to reveal any information they may wish concerning data from their state.

All readers should be cautioned regarding the limitations of data presented herein. Current and cumulative data are given concerning reported cases of poliomyelitis in vaccinated persons and among their familial and community contacts. It should be recognized that these data do not constitute a controlled evaluation of poliomyelitis vaccine. For this reason, interpretations and conclusions based on material in these reports must be guarded.

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I. Current Poliomyelitis Morbidity Trends

Poliomyelitis incidence by weeks for the current year, with similar data for the three preceding years, is presented in Figure 1, drawn from data published by the National Office of Vital Statistics. Incidence fell slightly this week and is below that for the three preceding years.

Poliomyelitis incidence by states for the weeks ending September 17 through October 22 is presented in Table 1, together with a six-week total for this and the three previous years. The decrease in national incidence reflects small decreases reported from most states, with increases reported mainly from Maine, Indiana and Washington.

Figure 2 and Table 2 present 1955 weekly polio attack rates by regions and for the United States as a whole. Some differences among the regions are apparent. On a rate basis, the peak incidence in the North was considerably higher than in either the South or the West, incidence in the South having a slightly lower peak than in the West. The very high incidence in Massachusetts and other New England States is combined with moderate incidence in the highly populous Middle Atlantic States so that the peak incidence rate in the North East Region is only slightly higher than that in the North Central Region.

II. Special Studies

Dr. Roy Feemster of the Massachusetts State Health Department has prepared a tabulation of age-specific polio attack rates in Massachusetts for the current year based on preliminary reports through October 19. These data appear in this report in Table 3.

Dr. William Baedenkopf, Bureau of Epidemiology and Communicable Disease Control, New York State, and Dr. David C. Poskanzer, Epidemic Intelligence Service Officer assigned to the State, report the following case and rate comparisons according to vaccination status in 6-10 year-old children in New York State (excluding New York City):

Poliomyelitis Cases and Rates by Vaccination Status
in 6-10 Year Olds in Upstate New York
(Preliminary Data - May 21 to October 21, 1955)

Vaccination Status	Population	Cases*			Rates(per 100,000)		
		P	NP	Total	P	NP	Total
1954 only	74,330	4	18	23	5.4	24.2	30.9
1954, booster in 1955	23,370	0	8	8	-	34.2	34.2
1954 total	97,700	4	26	31	4.1	26.6	31.7
1955, one inoculation	181,695	9	63	75	5.0	34.7	41.3
1955, two inoculations	169,174	5	39	47	3.0	23.1	27.8
1955 total	350,869	14	102	122	4.0	29.1	34.8
Total vaccinated	448,569	18	128	153	4.0	28.5	34.1
Unvaccinated	282,000	59	111	178	20.9	39.4	63.1

*Totals include some cases with paralytic status as yet unknown. (three non-paralytic and five with paralytic status unknown) for which the vaccination status is unknown are excluded from the table. Eight cases

It is interesting to note that, considering the total cases in this age group for which the paralytic status is known, 12% of the vaccinated cases are paralytic while 35% of the unvaccinated cases are paralytic. Further data comparing the extent of paralysis in vaccinated and unvaccinated children have also been compiled. About a third of these paralytic cases were classified following a physical therapy examination; other examinations are now in progress. The data are presented in the following table:

New York State Department of Health

Extent of Paralysis in Paralytic Poliomyelitis Cases
in 6-10 Year Olds in Upstate New York
(Preliminary Data - May 21 to October 21, 1955)

Vaccination Status	Bulbar		Severe		Moderate		Minimal		Total*	
	No.	%	No.	%	No.	%	No.	%	No.	%
Vaccinated**	4	24	2	12	5	29	6	35	17	100
Unvaccinated	12	24	6	12	18	37	13	27	49	100

*Not including one vaccinated and 10 unvaccinated paralytic cases with severity unknown. No polio deaths in 6-10 year-olds have been reported to date.

**Including children vaccinated in 1954 and/or 1955.

III. Routine Polio Surveillance

The tabular summary lists in detail the polio cases among vaccinated children accepted October 20 through October 26 with revisions of previously listed cases. Table 4 presents these cases and total cases to date. Of the 58 new cases, 12 are paralytic and 46 non-paralytic; three of the paralytic cases occurred within 30 days following vaccination.

IV. Polio-Like Diseases

The California State Department of Public Health, in an encephalitis release dated October 20, notes the current status of encephalitis in the State:

"...To date the (California) Viral and Rickettsial Disease Laboratory has reported positive complement fixation tests on paired bloods from 8 patients: 6 Western Equine and 2 St. Louis.

The two patients having St. Louis encephalitis apparently acquired their infections outside the State of California. One, a resident of Michigan traveling through the middle western and western states for a period of two weeks was taken ill the day after his arrival in San Francisco; the other case was a resident of California who had been on a trip to Colorado. Further details regarding the itineraries of these persons are being obtained. The six cases of Western equine infection have occurred as follows:

<u>County</u>	<u>Age at Onset</u>	<u>Date of Onset</u>
Fresno	3 weeks	July 23
Yolo	1 month	July 31
Sutter	10 months	August 3
Stanislaus	3 months	August 20
Madera	2 months	September 5
Fresno	2 weeks	September 7

Only the Western equine virus has been isolated from mosquito pools submitted this year."

(This report was prepared by Dr. Neal Nathanson, Dr. Wm. Jackson Hall and Dr. Alexander D. Langmuir, with assistance from the Statistics Section, CDC.)

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Figure 1: CURRENT U.S. POLIO INCIDENCE COMPARED WITH YEARS 1952-1954

DATA PROVIDED BY NATIONAL OFFICE OF VITAL STATISTICS

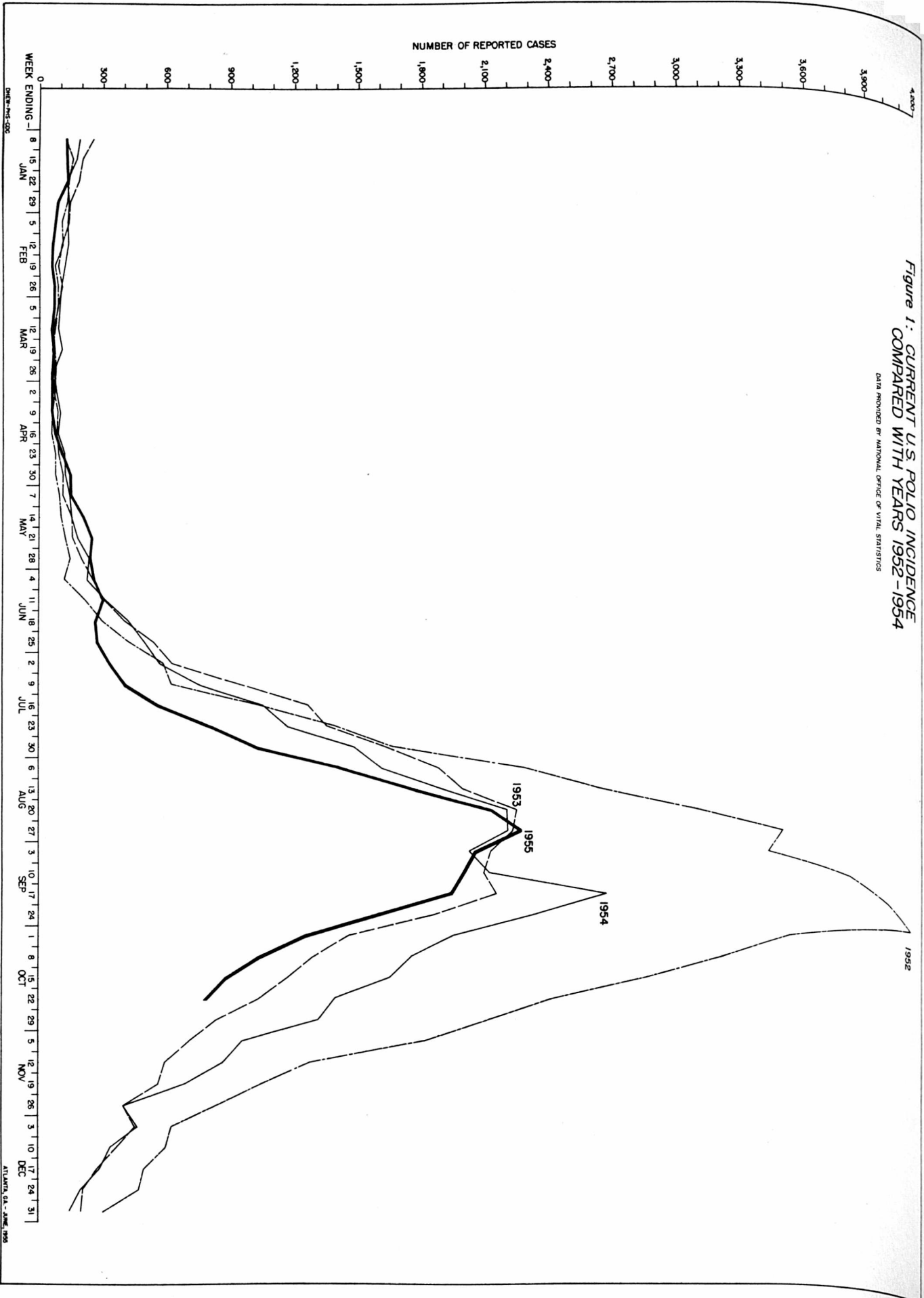


Table 1

TREND OF 1955 POLIOMYELITIS INCIDENCE

State	Cases Reported to NOVS*						6 Week Total	Comparable Totals in:		
	9/17	9/24	10/1	10/8	10/15	10/22		1954	1953	1952
United States	1950	1606	1260	1038	884	791	7529	11776	8961	20257
North East										
Maine	12	11	6	9	9	17	64	53	102	53
New Hampshire	10	10	12	2	3	5	42	36	18	12
Vermont	6	10	6	2	3	2	29	22	43	20
Massachusetts	276	181	155	145	122	113	992	441	224	192
Rhode Island	21	26	26	25	20	20	138	53	114	46
Connecticut	48	38	38	20	16	13	173	128	110	131
New York	251	208	149	117	78	75	878	820	1039	920
New Jersey	45	62	38	41	24	24	234	313	247	277
Pennsylvania	53	47	53	24	12	14	203	551	485	654
North Central										
Ohio	126	91	50	60	13	30	370	953	801	1393
Indiana	32	21	19	14	20	26	132	322	152	722
Illinois	112	91	77	43	47	30	400	924	528	1766
Michigan	78	72	52	41	36	23	302	637	658	1495
Wisconsin	199	194	155	98	97	62	805	288	276	911
Minnesota	38	38	14	20	12	14	136	238	612	2010
Iowa	26	19	10	11	12	5	83	456	121	1282
Missouri	34	9	7	12	8	8	78	223	197	511
North Dakota	3	4	1	2	2	2	14	28	56	107
South Dakota	1	3	2	6	3	2	17	43	52	365
Nebraska	20	24	5	7	7	7	70	239	32	827
Kansas	21	20	17	9	8	3	78	225	122	754
South										
Delaware	--	--	2	1	1	1	5	35	8	46
Maryland	15	20	7	21	11	9	83	98	154	87
Dist. of Col.	6	2	4	--	1	1	14	27	12	33
Virginia	16	15	7	13	6	14	71	198	148	210
West Virginia	11	13	12	6	8	5	55	152	122	201
North Carolina	23	19	7	11	15	7	82	192	112	163
South Carolina	10	21	3	14	7	9	64	62	24	83
Georgia	21	29	8	9	9	4	80	170	76	159
Florida	13	8	11	17	6	6	61	612	199	174
Kentucky	33	15	7	15	8	4	82	244	60	632
Tennessee	19	19	14	5	6	8	71	176	70	214
Alabama	4	5	4	10	5	3	31	62	53	66
Mississippi	8	1	5	--	2	4	20	74	20	142
Arkansas	6	4	3	3	5	7	28	63	59	116
Louisiana	15	16	11	17	13	14	86	86	55	140
Oklahoma	17	7	15	6	7	10	62	109	61	295
Texas	60	50	63	52	70	55	350	515	219	511

Table 1 (Continued)

State	Cases Reported to NOVS* During Week Ending:						6 Week Total	Comparable Totals in:		
	9/17	9/24	10/1	10/8	10/15	10/22		1954	1953	1952
West										
Montana	17	18	7	3	10	6	61	57	81	97
Idaho	14	6	11	7	8	4	50	45	24	103
Wyoming	8	-	-	-	-	1	9	76	16	39
Colorado	18	9	6	5	9	2	49	123	29	280
New Mexico	9	4	8	3	1	2	27	86	27	112
Arizona	7	8	6	5	7	5	38	51	60	112
Utah	2	1	7	-	6	-	16	118	37	118
Nevada	3	-	3	1	1	-	8	20	9	28
Washington	48	30	21	26	25	36	186	153	136	403
Oregon	20	18	26	21	13	18	116	96	89	175
California	115	89	90	59	72	61	486	1083	1012	1070

*National Office of Vital Statistics.

Figure 2: CURRENT U.S. POLIO RATES, BY REGIONS

DATA PROVIDED BY NOV S

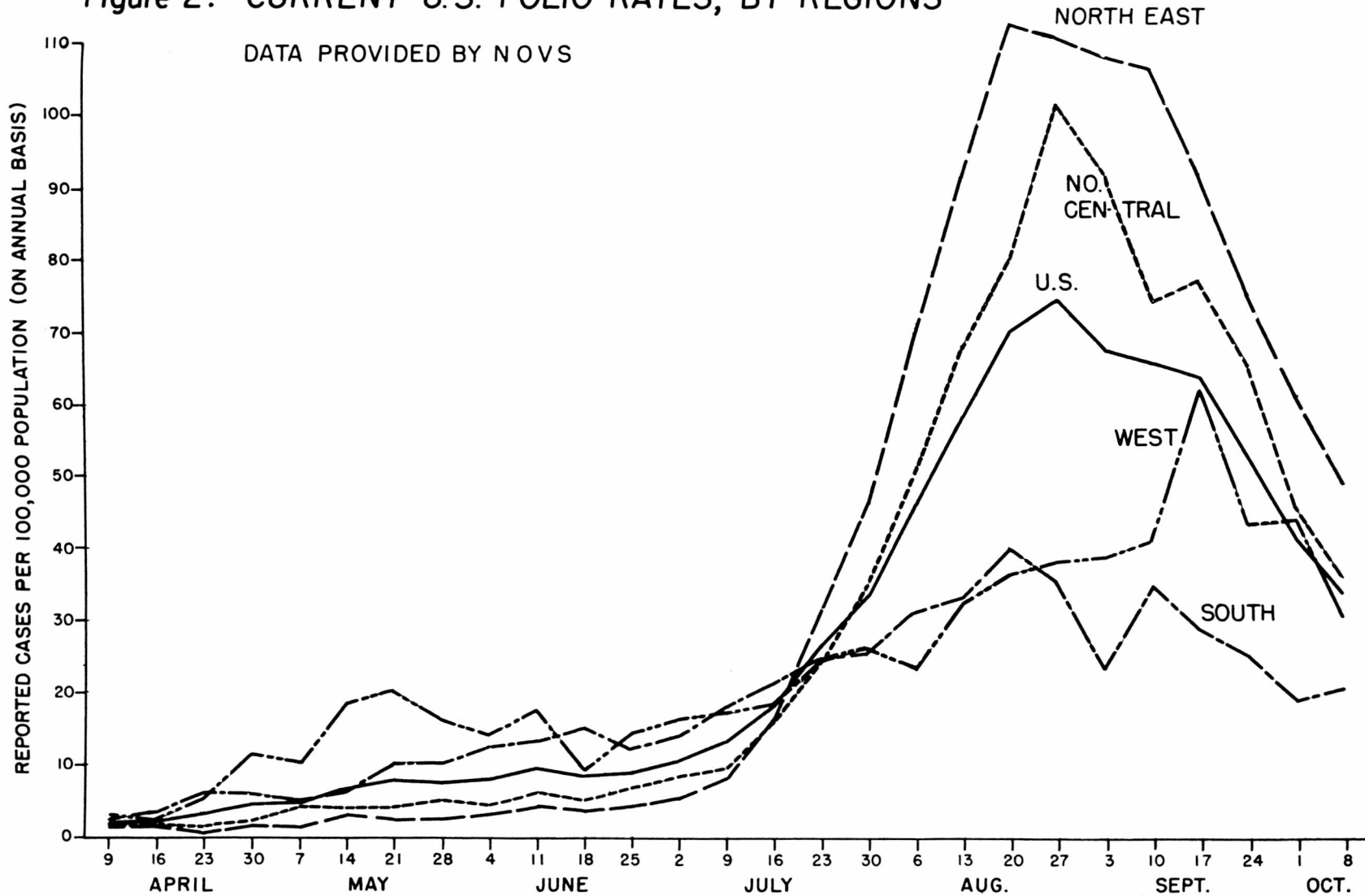


Table 2

TREND OF 1955 POLIOMYELITIS RATES BY REGIONS*

Week Ending	North East		North Central		South		West		U.S.	
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
April 9	10	1.3	13	1.5	25	2.6	13	3.1	61	2.0
16	13	1.7	17	1.9	33	3.5	11	2.6	74	2.4
23	5	0.6	17	1.9	62	6.5	22	5.2	106	3.5
30	16	2.0	23	2.6	59	6.2	49	11.7	147	4.8
May 7	13	1.7	40	4.5	51	5.4	45	10.7	149	4.9
14	25	3.2	39	4.4	64	6.7	78	18.6	206	6.8
21	21	2.7	39	4.4	100	10.5	86	20.5	246	8.1
28	23	2.9	47	5.3	101	10.6	69	16.4	240	7.9
June 4	26	3.3	41	4.6	124	13.0	60	14.3	251	8.2
11	36	4.6	60	6.7	129	13.6	75	17.9	300	9.9
18	32	4.0	47	5.3	147	15.4	40	9.5	266	8.7
25	37	4.7	62	7.0	118	12.4	60	14.3	277	9.1
July 2	46	5.9	78	8.8	137	14.4	70	16.7	331	10.9
9	68	8.7	89	10.0	175	18.4	74	17.6	406	13.3
16	132	16.9	148	16.7	206	21.6	79	18.8	565	18.6
23	250	31.9	218	24.5	239	25.1	104	24.8	811	26.7
30	366	46.7	312	35.1	246	25.9	113	26.0	1037	33.9
Aug. 6	548	70.0	461	51.8	302	31.7	98	23.3	1409	46.3
13	718	91.7	606	68.1	320	33.6	137	32.6	1781	58.5
20	886	113.1	714	80.3	384	40.4	154	36.7	2138	70.2
27	870	111.1	907	101.9	341	35.8	161	38.3	2279	74.9
Sep. 3	848	108.3	821	92.3	226	23.7	164	39.1	2059	67.6
10	837	106.9	664	74.6	334	35.1	174	41.4	2009	66.0
17	722	92.2	690	77.6	277	29.1	261	62.2	1950	64.1
24	593	75.7	586	65.9	244	25.6	183	43.6	1606	52.7
Oct. 1	483	61.7	409	46.0	183	19.2	185	44.1	1260	41.4
8	385	49.2	323	36.3	200	21.0	130	31.0	1038	34.1

* Cases are those reported to NOV5, but do not take into consideration minor corrections reported currently, and therefore may not agree with totals published elsewhere. Rates are based on population estimates for July 1, 1954, by the Bureau of the Census, and are calculated on an annual base (i.e., weekly rates are multiplied by 52) per 100,000 population. For states comprising each region, see Table 1. Population estimates by regions are: North East - 40,727,000; North Central - 46,262,000; South - 49,483,000; West - 21,834,000; U.S. - 158,306,000.

Table 3

Poliomyelitis Age Specific Case Rates in Massachusetts in 1955*

Age	Population At Each Age	Cases at Each Age	Case Rate Per 100,000
Under 1	100,000	102	102.0
1	102,000	175	171.6
2	101,000	240	237.6
3	97,000	284	292.8
4	93,000	273	293.5
0 - 4	493,000	1074	217.8
5	93,000	293	315.1
6	96,000	225	234.4
7	103,000	128	124.3
8	94,000	127	135.1
9	73,000	118	161.6
5 - 9	459,000	891	194.1
10-14	366,000	415	113.4
15-19	290,000	236	81.4
20 and over	3,278,754	882	26.9
TOTAL	4,886,754	3510	71.8

* Compiled from preliminary data through October 19 by Dr. Roy Feemster, Massachusetts State Health Department.

Table 4

*Poliomyelitis Cases in Vaccinated Individuals
(PSU Accepted Cases through October 26, 1955)*

	Vaccine Manufacturer* and Paralytic Status**										
	C		L		PD		PM		W		NP
	P	NP	P	NP	P	NP	P	NP	P	NP	
	CASES VACCINATED 5-7 OR BEFORE WITH ONSETS 30 DAYS OR LESS AFTER VACCINATION***										
Totals Through 10-26 (Revised)	59	17	17	29	4	4****	3	4	9		3
	76		46		8		7		12		
	CASES VACCINATED 5-7 OR BEFORE WITH ONSETS 31 DAYS OR MORE AFTER VACCINATION***										
Totals Through 10-19 (Revised)	10	17	29	130	11	69	10	17	11		32
New Cases 10-20 through 10-26	1	1	0	4	4	13	0	0	0		0
Totals Through 10-26	11	18	29	134	15	82	10	17	11		32
	29		163		97		27		43		
	CASES VACCINATED 5-8 OR LATER WITH ONSETS 30 DAYS OR LESS AFTER VACCINATION***										
Totals Through 10-19 (Revised)			18	52	21	35	2	4	1		6
New Cases 10-20 through 10-26			3	3	0	2	0	2	0		0
Totals through 10-26			21	55	21	37	2	6	1		6
			76		58		8		7		
	CASES VACCINATED 5-8 OR LATER WITH ONSETS 31 DAYS OR MORE AFTER VACCINATION***										
Totals through 10-19			8	36	54	182	0	1	1		2
New Cases 10-20 through 10-26			1	7	3	13	0	0	0		0
Totals through 10-26			9	43	57	195	0	1	1		2
			52		252		1		3		

*Vaccine Manufacturers: C-Cutter; L-Lilly; PD-Parke-Davis; PM-Pitman-Moore; W-Wyeth

**Paralytic Status: P-Paralytic; NP-Non-paralytic

***Cases in Individuals who had two inoculations are listed according to the second inoculation.

****Including one new case accepted 10-20 through 10-26.

POLIOMYELITIS AMONG VACCINATED INDIVIDUALS
(PSU Accepted Cases October 20 - October 26, 1955)

PSU CASE NO.	County	Ini- tials	Age	Sex	Date Inoc.	Date 1st Symp.	Date 1st Para.	Site Inoc.	Site 1st Para.	Lot Mfr. No.	Remarks
<u>NEW</u>											
Minn-23	Todd	LD	7	M	5-24	10-9	None	?	None	PD	028849A
					9-26			?		PM	175E036
Wisc-44	Langlade	TFG	7	M	5-19	9-2	9-6	LA	RL	PD	029127A
					6-16			LA		PD	029127A
Wisc-45	Rock	GAP	9	M	5-24	8-1	None	?	None	PD	029127A Spinal fluid, 22 cells.
Wisc-46	Dane	MJC	8	M	5-19	8-17	None	RA	None	PD	029127A Spinal fluid, 128 cells.
					6-16			RA		PD	029127A
Wisc-47	Dane	JN	10	F	5-20	8-22	None	LA	None	PD	029127A
					6-10			LA		PD	029127A
Wisc-48	Brown	LLDeG	7	F	5-18	8-7	None	LA	None	PD	029127A Spinal fluid, 165 cells.
					June			IA		PD	029127A
Wisc-49	Dane	DJH	9	F	5-20	8-24	None	IA	None	PD	029127A
					6-10			LA		PD	029127A
Wisc-50	Wood	BAZ	10	M	May	8-31	9-4	LA	Bulbar	PD	029127A
Wisc-51	Columbia	KLK	6	F	May	8-19	None	Arm	None	PD	029127A Spinal fluid, 400 cells.
Wisc-52	Iowa	LMcN	8	M	5-18	8-2	None	Arm	None	PD	029127A Spinal fluid, 23 cells.
					6-7			Arm		PD	029127A
Wisc-53	Dane	SLC	9	F	5-17	9-17	9-17	IA	Bulbar	PD	029127A
					6-14			LA		PD	029127A
Ill-62	Peoria	GW	7	M	4-24	7-2	?	?	?	PD	028863B
Ill-63	Madison-	RK	7	M	4-19	7-18	None	?	None	PD	?028846B, ?028850B ?028861B ?028863B
Ill-64	Champaign	KE	7	F	4-29	8-19	None	LA	None	PD	028846B Spinal fluid, 78 cells.
Ill-65	McLean	PJ	7	M	4-26	8-8	None	?	None	PD	?028846B, ?028861B Spinal fluid ?028850B, ?028863B 205 cells.

PSU CASE NO.	County	Ini- tials	Age	Sex	Date Inoc.	Date 1st Symp.	NEW
Ill-66	Saline	CWK	8	M	4-25	8-12	
Ill-67	Edgar	TS	7	M	April	9-12	
Ill-68	Edgar	MKB	8	F	4-21	8-31	
Ill-69	Cook	TS	8	M	4-25	8-16	
Ill-70	Cook	WZ	9	M	5-4	9-22	
Ill-71	Cook	JMS	12	M	4-21	9-11	
Ill-72	McLean	RC	7	M	4-27	10-2	
Ill-73	McLean	JI	7	F	4-26	9-30	
Ill-74	McLean	MF	7	M	4-28	9-17	
Ida-24	Madison	BO	31	F	April	9-9	
Ida-25	Madison	KR	8	F	April	9-23	
Mich-19	Cheboygan	JF	7	M	4-21	5-20	
					5-5		
Mich-20	Wayne	DK	7	M	4-23	7-4	
Mich-21	Wayne	RG	6	M	4-25	5-26	
Mich-22	Wayne	RH	6	F	4-21	6-2	
Mich-23	Wayne	DW	6	M	4-25	6-29	
Mich-24	Wayne	MG	6	M	4-26	6-26	
Mich-25	Oakland	JB	8	M	4-20	6-17	
					5-25		
Mich-26	Wayne	SD	9	F	4-20	8-10	
					8-5		

Date	Site	Site		Lot	
1st	Site	1st		No.	
Para.	Inoc.	Para.	Mfr.	No.	Remarks

(Continued)

?	?	?	PD	028863B	
None	LA	None	L	?	Spinal fluid, 788 cells.
None	LA	None	PD	?028846B	Spinal fluid, 90 cells.
				?028850B	
				?029961B	
				?028863B	
None	LA	None	PD	?028846B	Spinal fluid, 220 cells.
				?028850B	
None	?	None	PD	?028846B	Spinal fluid, 74 cells.
				?028850B	
				?028861B	
				?028863B	
None	?	None	PD	"	Spinal fluid, 140 cells.
None	?	None	PD	"	Spinal fluid, 167 cells.
None	?	None	PD	"	Spinal fluid, 199 cells.
None	?	None	PD	"	Spinal fluid, 325 cells.
None	LA	None	C	?E6058	Spinal fluid, 15 cells.
				?E6039	
9-28	LA	Leg	C	"	
None	LA	None	PD	028861B	
	LA		PD	028846B	
None	LA	None	PD	028860B	
None	LA	None	PD	028860B	
None	LA	None	PD	028860B	
?	LA	?	PD	028860B	
?	LA	?	PD	028860B	
None	LA	None	PD	028860B	
	LA		PD	028860B	
None	?	None	PD	028860B	
	?		PM	175D012	

PSU CASE NO.	County	Ini- tials	Age	Sex	Date Inoc.	Date 1st Symp.	Date 1st Para.	NEW
NH-10	Strafford	WD	8	M	5-23	9-8	None	
La-26	Calcasieu	DY	8	F	6-7 4-21	9-1	None	
Tex-74	Navarro	RAS	2	F	5-5 9-15	9-27	None	
Tex-75	Dallas	RRP	3	F	9-27	10-7	10-10	
Tex-76	Nueces	RBJ	10	M	4-20	10-6	None	
Tex-77	Dallas	JAH	8	F	April	10-5	None	
Tex-78	McLennan	WIR	8	M	August 4-25	10-3	None	
Tex-79	Harris	ES	5	M	9-19	10-6	None	
Tex-80	Harris	MSM	7	F	4-19	10-10	None	
Tex-81	Dallas	JLL	8	M	8-4 April	10-5	None	
Tex-82	Dallas	DAD	7	M	August 4-25	8-29	9-21	
Tex-83	Tarrant	JLB	7	M	7-25 5-5	10-4	10-4	
RI-13	Providence	JP	7	F	9-27 May	9-3	None	
RI-14	Providence	JFD	7	M	June	8-19	?	
Miss-16	Wayne	GAG	6	M	8-10 5-5	9-18	None	
Miss-17	Yazoo	RFE	7	M	5-18 4-28	10-2	None	
NY-113	Suffolk	WP	10	M	6-17 5-24	10-5	None	
					8-9			

Site		Lot		Remarks
Site	lst	Mfr.	No.	
Inoc.	Para.			
IA	None	PD	029126A	
IA		PD	029126A	
LA	None	L	?649335, ?649339, ?649340, ?649341	Spinal fluid, 70 cells.
IA		L	"	
LA	None	L	653809	
?		L	?	
RA	RL	L	8118-649330	
LA	None	L	7078-649343	Spinal fluid, 398 cells.
Arm	None	L	7078-649343	
Arm		L	8118-649330	
Arm	None	L	7078-649343	
LA	None	L	653809	
LA	None	L	7078-649343	Spinal fluid, 48 cells.
LA		L	8118-649330	
Arm	None	L	7078-649343	
Arm		L	8118-649330	
LA	LL, RL	L	7078-649343	
LA		L	8118-649330	
RA	RA	L	?7080-649342, ?7078-649343?	
RA		L	8124-649336	
LA	None	PD	028848A	Spinal fluid, 430 cells.
?	LA	PD	028848A	
?		L	6004-653807	
Arm	None	L	5080-649339	Spinal fluid,
Arm		L	"	600 cells.
LA	None	L	5080-649339	Spinal fluid,
LA		L	5207-649349	38 cells.
?	None	PD	029128C	Spinal fluid, 596 cells.
?		L	6002-653805	

(Continued)

PSU CASE NO.	County	Ini- tials	Age	Sex	Date Inoc.	Date 1st Symp.	Date 1st Para.	Site Inoc.	Site 1st Para.	Lot Mfr. No.	Remarks
NEW (Continued)											
NY-114	Monroe	GAL	9	M	8-17	8-24	None	LA	None	L	6002-653805 Also vaccinated in 1954. Spinal fluid, 44 cells.
NY-115	Rensselaer	MK	6	M	5-24	7-20	None	LA	None	PD	029128C
NY-116	Cayuga	RRW	8	M	5-24	9-13	None	?	None	PD	029129A Spinal fluid, 198 cells.
					6-23			?		PD	029129A
NY-117	Erie	PM	7	M	5-19	8-11	None	?	None	PD	028850B
NY-118	Dutchess	BD	9	M	8-10	9-10	None	?	None	L	6002-653805 Spinal fluid, 266 cells.
NY-119	Erie	DN	7	M	May	8-24	None	?	None	PD	029129A
NY-120	Lewis	MC	8	M	5-20	9-3	None	?	None	PD	029129A Spinal fluid, 214 cells.
					9-1			?		PD	029129A

REVISIONS
(Revised Items Underlined)

Ala-1	Bibb	CCO	8	F	4-21	5-24	None	Arm	None	L	5079-649338 <u>Spinal fluid, 350 cells.</u>
Ala-7	Talladega	JDS	1	F	4-18	7-10	None	?	None	L	5079-649338 <u>Spinal fluid, Negative,</u>
Ark-3	Sebastian	JAM	8	F	4-19	5-11	None	LA	None	L	7080-649342 <u>Untypable virus Potash 8-17. Spinal fluid, 400 cells.</u>
Ark-4	Sebastian	AT	7	M	4-19	7-11	None	LA	None	L	7080-649342 <u>Spinal fluid, 120 cells.</u>
NH-1	Cheshire	EGG	8	M	6-15	7-16	None	LA	None	PD	029126A <u>Spinal fluid, 350 cells.</u>
Minn-4	Hennepin	RH	8	M	May	7-28	None	?	None	PD	?028849A <u>Spinal fluid, 238 cells.</u>
											?028850B
											?028861B
											?029126A
Cal-38	L. A. Co.	CJR	7	M	4-22	5-11	None	LA	None	C	?E5970 <u>Spinal fluid, 8 cells.</u>
											?E5976
Cal-65	L. A. City	MM	7	M	5-17	6-22	None	RA	None	PD	028848A <u>Spinal fluid, 95 cells.</u>
					5-31			IA		PD	028848A
Cal-71	Santa Barbara	LL	7	F	4-19	6-14	None	LA	None	C	E6038 <u>Spinal fluid, 70 cells.</u>
					?			?		PD	029126A

PSU CASE NO.	County	Ini- tials	Age	Sex	Date Inoc.	Date 1st Symp.	Date 1st Para.	NEW
NH-10	Strafford	WD	8	M	5-23	9-8	None	
Ia-26	Calcasieu	DY	8	F	6-7 4-21	9-1	None	
Tex-74	Navarro	RAS	2	F	5-5 9-15	9-27	None	
Tex-75	Dallas	RRP	3	F	9-22 9-27	10-7	10-10	
Tex-76	Nueces	RBJ	10	M	4-20	10-6	None	
Tex-77	Dallas	JAH	8	F	April	10-5	None	
Tex-78	McLennan	WLR	8	M	August 4-25	10-3	None	
Tex-79	Harris	ES	5	M	9-19	10-6	None	
Tex-80	Harris	MSM	7	F	4-19	10-10	None	
Tex-81	Dallas	JLL	8	M	8-14 April	10-5	None	
Tex-82	Dallas	DAD	7	M	August 4-25	8-29	9-21	
Tex-83	Tarrant	JLB	7	M	7-25 5-5	10-4	10-4	
RI-13	Providence	JP	7	F	9-27 May	9-3	None	
RI-14	Providence	JFD	7	M	June	8-19	?	
Miss-16	Wayne	GAG	6	M	8-10 5-5	9-18	None	
Miss-17	Yazoo	RFE	7	M	5-18 4-28	10-2	None	
NY-113	Suffolk	WP	10	M	6-17 5-24	10-5	None	
					8-9			

Site Inoc.	Site 1st Para.	Mfr.	Lot No.	Remarks
IA	None	PD	029126A	
IA		PD	029126A	
LA	None	L	?649335, ?649339, ?649340, ?649341	Spinal fluid, 70 cells.
LA		L	"	
LA	None	L	653809	
?		L	?	
RA	RL	L	8118-649330	
LA	None	L	7078-649343	Spinal fluid, 398 cells.
Arm	None	L	7078-649343	
Arm		L	8118-649330	
Arm	None	L	7078-649343	
LA	None	L	653809	
LA	None	L	7078-649343	Spinal fluid, 48 cells.
LA		L	8118-649330	
Arm	None	L	7078-649343	
Arm		L	8118-649330	
LA	LL, RL	L	7078-649343	
LA		L	8118-649330	
RA	RA	L	?7080-649342, ?7078-649343?	
RA		L	8124-649336	
LA	None	PD	028848A	Spinal fluid, 430 cells.
?	LA	PD	028848A	
?		L	6004-653807	
Arm	None	L	5080-649339	Spinal fluid,
Arm		L	"	600 cells.
LA	None	L	5080-649339	Spinal fluid,
LA		L	5207-649349	38 cells.
?	None	PD	029128C	Spinal fluid, 596 cells.
?		L	6002-653805	

(Continued)

FSU CASE NO.	County	Ini- tials	Age	Sex	Date Inoc.	Date 1st Symp.	Date 1st Para.	Site Inoc.	Site 1st Para.	Lot Mfr. No.	Remarks
<u>NEW (Continued)</u>											
NY-114	Monroe	GAL	9	M	8-17	8-24	None	LA	None	L	6002-653805 Also vaccinated in 1954. Spinal fluid, 44 cells.
NY-115	Rensselaer	MK	6	M	5-24	7-20	None	LA	None	PD	029128C
NY-116	Cayuga	RRW	8	M	5-24	9-13	None	?	None	PD	029129A Spinal fluid, 198 cells.
					6-23			?		PD	029129A
NY-117	Erie	PM	7	M	5-19	8-11	None	?	None	PD	028850B
NY-118	Dutchess	BD	9	M	8-10	9-10	None	?	None	L	6002-653805 Spinal fluid, 266 cells.
NY-119	Erie	DN	7	M	May	8-24	None	?	None	PD	029129A
NY-120	Lewis	MC	8	M	5-20	9-3	None	?	None	PD	029129A Spinal fluid, 214 cells.
					9-1			?		PD	029129A
REVISIONS (Revised Items Underlined)											
Ala-1	Bibb	CCO	8	F	4-21	5-24	None	Arm	None	L	5079-649338 Spinal fluid, 350 cells.
Ala-7	Talladega	JDS	1	F	4-18	7-10	None	?	None	L	5079-649338 <u>Spinal fluid, Negative.</u>
Ark-3	Sebastian	JAM	8	F	4-19	5-11	None	LA	None	L	7080-649342 <u>Untypable virus Potash</u> 8-17. <u>Spinal fluid,</u> <u>400 cells.</u>
Ark-4	Sebastian	AT	7	M	4-19	7-11	None	LA	None	L	7080-649342 <u>Spinal fluid, 120 cells.</u>
NH-1	Cheshire	EGG	8	M	6-15	7-16	None	LA	None	PD	029126A <u>Spinal fluid, 350 cells.</u>
Minn-4	Hennepin	RH	8	M	May	7-28	None	?	None	PD	?028849A <u>Spinal fluid, 238 cells.</u>
											?028850B
											?028861B
											?029126A
Cal-38	L. A. Co.	CJR	7	M	4-22	5-11	None	LA	None	C	?E5970 <u>Spinal fluid, 8 cells.</u>
											?E5976
Cal-65	L. A. City	MM	7	M	5-17	6-22	None	RA	None	PD	028848A <u>Spinal fluid, 95 cells.</u>
					5-31			IA		PD	028848A
Cal-71	Santa Barbara	LL	7	F	4-19	6-14	None	LA	None	C	E6038 <u>Spinal fluid, 70 cells.</u>
					?			?		PD	029126A

PSU CASE NO.	County	Ini- tials	Age	Sex	Date Inoc.	Date 1st Symp.	Date 1st Para.
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REVISIONS (Co

Cal-80	L. A. Co.	RP	7	M	5-17	7-6	None
Cal-84	L. A. City	PM	7	F	5-19	8-14	None
Cal-92	L. A. City	SF	7	F	5-17	8-29	None
					5-31		
Cal-96	L. A. City	WC	6	F	4-21	9-5	None
Cal-97	Orange	DW	8	M	4-26	9-4	None
Cal-100	L. A. Co.	DS	4	M	4-22	9-6	None
Cal-105	Tulare	KER	7	F	4-26	6-21	None
					5-31		
Cal-111	San Diego Co.	RKH	9	M	9-23	9-24	None
Cal-118	Santa Clara	SW	8	F	4-20	9-12	None
Cal-121	Sacramento	BB	8	M	4-26	9-6	None
					8-6		
Cal-122	Santa Clara	JF	8	F	4-25	9-14	None
					5-23		
Cal-56	San Bernardino	SVD	7	F	4-21	6-24	None
Cal-59	L. A. Co.	DWB	7	M	5-16	5-30	None
Conn-1	Manchester	GS	12	M	4-14	5-2	None
Fla-3	Highlands	LC	7	F	4-20	6-12	None
					5-20		
Ga-3	Mitchell	TK	12	M	4-30	5-30	None
Ga-6	Fulton	RG	6	M	4-20	7-19	None
					6-23		

Site Inoc.	Site		Lot No.	Remarks
	lst Para.	Mfr		
LA	None	PD	028848A	<u>Spinal fluid, 25 cells.</u>
LA	None	PD	028848A	<u>Spinal fluid, 35 cells.</u>
LA	None	PD	028848A	<u>Spinal fluid, 285 cells.</u>
RA		FD	028848A	
LL	None	C	E5971	<u>Spinal fluid, 110 cells.</u>
?	None	C	?E6038 ?E5928	<u>Spinal fluid, 73 cells.</u>
LA	None	C	E5972	<u>Spinal fluid, 137 cells.</u>
LA	None	C	5977 or 5721	<u>Spinal fluid,</u>
LA		FD	028847A	<u>286 cells.</u>
LA	None	L	1027-653803	<u>Spinal fluid, 251 cells.</u>
LA	None	C	E6038	<u>Spinal fluid, 845 cells.</u>
LA	None	L	8123-649335?	<u>Spinal fluid,</u>
			8124-649336?	<u>188 cells.</u>
LA		L	8119-649331	
LA	None	C	E5977	<u>Spinal fluid, 33 cells.</u>
LA		FD	028847A	
LA	None	C	E5928? E6038?	<u>Spinal fluid, no cells.</u>
RA	None	PD	028848A	<u>Spinal fluid, 572 cells.</u>
LA	None	C	E6044	Type I virus from patient 5-10. Type I virus from family contact 5-23 (Dr. Melnick). <u>Spinal fluid, 55 cells.</u>
?	None	L	5079-649338	<u>Spinal fluid,</u>
?		L	5206-649338	<u>12 cells.</u>
LA	None	PD	?028850B ?028861B	<u>Spinal fluid, 110 cells.</u>
LA	None	L	7079-649341?, ?5081-649340	
LA		L	7079-649341?	<u>Spinal fluid,</u>
			5206-649347?	<u>25 cells.</u>

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PSU CASE NO.	County	Ini- tials	Age	Sex	Date Inoc.	Date 1st Symp.	Date 1st Para.
							REVISIONS (C
Ill-7	Madison	WE	7	M	4-21	5-25	None
Ida-12	Jerome	UC	7	M	4-19	5-2	None
Ida-19	Twin Falls	DML	8	F	4-23	5-14	None
Ida-20	Benewah	FMO	8	F	4-22	6-7	None
La-14	Rapids	CJY	4	M	5-3	7-2	None
Mo-4	St. Louis Co.	SM	7	F	5-17 4-27	6-13	None
Miss-1	Sunflower	EMA	6	F	4-18	4-20	None
Miss-3	Simpson	SB	7	M	4-18	6-3	None
Miss-4	Greene	GH	7	F	4-18	5-25	5-28
Miss-6	Panola	JP	8	M	4-20 5-18	7-5	None
Mich-1	Ingham	ML	7	F	4-23	5-28	None
Ariz-9	Pima	HH	<u>8</u>	M	April 6-15	10-10	None
Io-9	Knox	DRM	7	M	4-27	9-23	None
Va-3	Meeklenburg	MW	7	M	4-29	5-16	None
Cal-106	San Bernardino	MMCL	7	M	4-20 5-21	9-11	None
Cal-119	L. A. City	RS	8	M	5-21	9-30	10-2
NY-23	Cattaragus	<u>KF</u>	7	F	5-22	7-20	<u>7-21</u>
NY-27 Pa-16	<u>DROPPED SAME AS</u> Montgomery CC				NY-78----- 7 F 4-28	9-10	?

Site	Site			
Inoc.	Para.	Mfr.	Lot No.	Remarks
LA	None	PD	028863B	<u>Spinal fluid, 130 cells.</u>
LA	None	C	E6039?	<u>Type I virus 5-31 (RML).</u>
			E6058?	<u>Spinal fluid, 118 cells.</u>
LA	None	C	E6039?	<u>Spinal fluid, 1 cell.</u>
			E6058?	
?	None	C	E6039?	<u>Spinal fluid, 230 cells.</u>
			E6058?	
?	None	L	?649335, ?649339	<u>Spinal fluid,</u>
			?649340, ?649341	<u>no cells.</u>
?		L	"	
LA	None	PM	175C014	<u>Spinal fluid, 512 cells.</u>
			175D014	
RA	None	L	5080-649339	<u>Spinal fluid, 17 cells.</u>
?	None	L	5080-649339	<u>Spinal fluid, 174 cells.</u>
LA	LL	L	5080-649339	<u>Spinal fluid, 372 cells.</u>
LA	None	L	5080-649339	<u>Spinal fluid, 130 cells.</u>
LA		L	5080-649339	<u>Untypable agent recovered</u> <u>from Siblings (Potash)</u> <u>8-17.</u>
LA	None	PD	028860B	<u>Spinal fluid, 104 cells.</u>
?	None	C	?	<u>No cells in Spinal</u>
?		L	5207-649349	<u>fluid. Brother had NP</u> <u>Polio 9-22.</u>
LA	None	PM	175B009	<u>Spinal fluid, 24 cells.</u>
?	None	L	8122-649334	<u>Spinal fluid, 34 cells.</u>
LA	None	C	5928?, 6038?	<u>Spinal fluid, 100 cells.</u>
RA		PD	029126A	
LA	IA	PD	028848A	
LA	<u>Legs &</u> <u>back</u>	PD	029129A	